

*1070  
Ward*

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SIR WILLIAM OSLER, BART.  
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7666 k

January 13<sup>th</sup>

P.M. on a case of Phthisis (Sir W. Jenner)  
much emaciated. Attention drawn  
to the shape of the thorax, which was un-  
usually long, flattened, the lower ribs  
extending to within a short distance  
of the crista iliium. Sir W. remarked  
that this was a form of thorax often  
seen with congenitally small lungs  
and nature took the method of  
adapting the paroxysms to them.  
The upper ribs were oblique & the  
intercostal spaces wide, but from  
the fourth, they began to slope exten-  
sively, till about the eighth they  
became almost vertical: the cost-  
ochondrals as they ascended to the  
crest forming almost an acute  
angle with. On opening the abdomen  
the situation of the viscera was re-  
marked upon: the liver being ex-empli-  
ed almost vertically and extending  
a below the margin of the ribs. On each

side, where it came in contact with the costal cartilages, well marked patches of tattered were seen. The diaphragm was much arched the anterior portion being almost vertical lying in close contact with the cartilages of the stern. Attenhir was then drawn to the post mortem staining of the various parts and to the transudation of serum from the heart into the pericardium & to a slight degree into the pleura from the lungs. Open the heart always in the course of the circulation.

The defoliqued portions of the blood cells in the heart often afford important evidence in medico-legal inquiries with reference to either the original position of a body or as to whether it had been turned; as the anterior portions are always uppermost. Heart was flabby but otherwise healthy. Extensive pleural adhesions

all over both lungs. Right one pre-  
sented at the apex signs of old standing  
pneumonic affection (?), being indurated  
in spots, channelled, small cavities  
shedded here & there with caseous  
masses, throughout the rest of the  
lung milky tubercle was scattered  
densely and Dr. W. remarked that  
this was one of very few cases he had  
observed in which there was an  
extensive deposit of tubercle without  
any great elevation of temperature  
being never above 100°. Some oedema  
& emphysema were also observed.  
The left lung was small, shrivelled  
from the touch, though not carious,  
looking very much like a lung comp-  
ressed by fluid. The portio n profunda  
was channelled by an irregular cavity  
of recent formation devoid of a lining  
membrane studded of numerous  
hard tubercula.

January 14 <sup>th</sup>

P. M. on care of suspended <sup>(male) at 4<sup>o</sup></sup> lymph-  
atic leucemia. (viburn fix.)  
Much emaciated externally, large  
glandular swelling could be seen  
in the right cervical and axillary  
regions. The condition of the lymphatic  
gland throughout the body was as  
follows: Axillary & cervical of right side  
formed a continuous chain, the  
former being much matted together  
making a lump about the size of a  
hen's egg; the latter more isolated  
none of any size in the corresponding  
situation on the opposite side, nor  
ever there any in either given.  
The retro-bronchial gland were  
much enlarged especially those  
over the left bifurcation of the trachea  
which though completely pervaded  
yet had its caliber diminished  
the lumen of the aorta was con-  
siderably narrowed, hardly admitt-

the little finger. The whole chain  
of retroperitoneal glands were enlar-  
ged, indurated & matted together  
and also formed adhesions with  
the caecum & pancreas

On section all these glands presented  
with slight modifications, the same  
appearance, they were firm to the  
touch, yet broke under the nail, in  
color varying from a dusky white  
& a distinct yellow; traces of gland-  
ular structure sometimes visible  
capsule generally well marked &  
adherent. The variations were as  
<sup>a few of the smaller glands had a peculiarly typical</sup>  
follows: One or two of the smaller &  
most solid type a way, open or biconcave & kidney-  
shaped in the axilla had suppurred  
others could be easily enucleated.  
In the bronchial glands much pig-  
ment was present & in some a soft  
nucleus was observed, the retro-per-  
itoneal glands differed only in one  
particular viz. that in one or two  
a peripheral ~~area~~ preparation had

taken place between the barbers  
gland & the capsule.  
Lungs & diaphragm collapsed in portion  
Apices of both the seat of tubercular deposit (fix) and tuberculous masses  
were scattered throughout the organ.  
Pigmentary connective tissue & inter-  
between the nodules at the apices, in  
which some central softening was  
observed. Heart normal.

Spleen 3 (not very large) firm, album-  
inous; says grains well marked  
a patch triangular in form, white-  
colour, and probably an infarct & cut  
at one extremity. Liver not enlarged  
apparently healthy.

Intestines, one typical tuberculous  
ulcer & lied about one foot above the  
des-caecal valve & tending completely  
round the gut and constricting its  
diameter considerably. On the inner  
surface of it some gray granulation  
(tubercles) were found. Uterus

not however of a tuberculous character  
was also found in the caecum, & about  
a granulations on the serous coat ex-  
ternally. The kidneys enlarged &  
slightly albuminous

& Dr Fox remarking in this case  
said, that, enlarged lymphatic glands  
and might arise from many  
causes among which the chief  
were; irritation, simple & specific,  
scrofulosis, leprosy, carcinoma  
& the disease known as Lymph-  
adenoma, This case was believed  
to be one of the last named. There had  
been no increase of white or corporal  
cells, but numerous small red ones  
in great numbers. He had had album-  
uria and diarrhoea but the chest  
disease, though diagnosed, was not  
thought to be extraneous as it turned  
out. Altogether Dr Fox inclined to the  
belief that this was not a true case  
of "Hodgkin disease" but a case of

general tubercular affection of the glands lymphatic system & his mind the similarity of the <sup>appearance</sup> affection in the lungs, especially at the apices favoured this view. The non-existence of a dermoid growths in other organs was also a strong argument. The Brain was healthy and unaffected.

January 16  
out pat. - B. Hill

Syphilitic orchitis testis uniformly swollen, epididymis not distinguishable. derived from special sensibilities, differing in this from the tuberculous and ordinary forms. May include other come magaine its small termination under <sup>nut</sup> covered by shrinking of the testis & inability. Blend P. J. Lohr

Case of acute Eczema following a prick on the skin. Mr H. referred to the constitutional condition and

under which eczema most frequently  
arose among them the chief is the Gouty  
Instincts of the system, diet, also pro-  
pne and the working in irritant  
material is an active cause,  
As regard the treatment. Wash well  
first with soft water or water rendered  
soft by boiling, then apply a powder of  
3 parts Sassafras & one of Zinc wrap the  
body in cotton wool and lay on  
absolute rest.

January 17

Dr. W. Turner

In applying my hot fomenta-  
tions, draw the patient's clothes well up  
about his armpits, place a thick fold  
of blanket under the nates, then apply  
your fomentation & cover with a piece  
of old silk larger than the foment  
beneath, over this place another fold  
of blanket, & over all fold the end  
of the blanket beneath his nates  
this will keep warm for some hours

In taking observations with the Aetherometer, in order that they may be reliable you must repeat them several times at the same places with an interval of some days between.

In some women & in nearly all children the voice does not produce vibration enough to enable you to <sup>hear</sup> feel the vocal pinnacles. As this is a very important aid in the diagnosis of pneumonia complicated with effusion, what sign. not sign an it to look for in these class patients? Dr W. says we find it in the displacement of organs, In pneumonia the lung retains its own bulk, but in a chest the ad. pubis gives a uniformly dull note behind & the same to the nipple in front. this & a certain will produce some displacement - should always be looked for.

Dr Ringier

Care of Syphilitic infant  
about the face small in a child 12  
months old, suffering also from Throat  
and Dearhan. He ordered jss tea of  
by day & extra ~~three~~ times a day  
and said that children dearhan  
was often stopped suddenly in the way  
thought at first it might aggravate  
it a little. If the one dose was given  
at night it would cause much  
sweating & dearhan tub - she could not  
explain it if it were given three in the  
day no ill effects followed

Black Cypura tried in Doping  
Glycemic of Tamm in Eczema behind  
the ears in children

& Seneca

in referring to intestinal  
obstructions said, "it was as culpable  
to give cathartics or teas in strangu-  
lated hernia give opium which relieves  
the violent spasm of the gut."

*varm mucicata ex.*  
January 18<sup>th</sup>

Injurious for Women. Colotomy. Mr Heath  
This was a case of cancer in the rectum  
not however producing complete obtri-  
cation, but as it was progressive and  
the woman at present in good health  
it was deemed advisable to operate  
now, as by this means her chances  
would be greater. Mr Heath made  
a horizontal incision about 7 inches  
in length the centre of which cut a  
vertical line, drawn so as to pass  
through the posterior third of the rectal  
ilia. The various fasciae having been  
cut on a director, the bowel was exposed  
as no faces were contained in it and  
as they had been unable to force it up,  
to dislodge the board, some difficulty  
was experienced in drawing it forward  
several folds of fat also impeded the  
free access to the gut. Finally it was  
dislodged & before incising it two enter

were passed through

January 20<sup>th</sup>

"D' Bastian" Case of rapid wasting  
and loss of power in the deltoid  
and arm muscles. The man had  
been under treatment for a slight  
cold which had improved, when  
this affection of the muscles came on.  
He was seen first three weeks after  
the attack and the arm was then  
diminished much in size & power  
over it almost lost: he was neither  
able to abduct the arm or flex the  
forearm. Ordained P & T Codid grs viii  
anodic & Faradization three weekly  
within a month he had regained  
sufficient power over the muscles -  
so as to raise the arm to level with the  
shoulder and also could flex the fore  
arm completely. Dr B. supposed it to  
be due to some disorder "thereabout"  
of one or two of the branches of the Br. pheas.

P.M. Scarletina drosey. Death from  
dysnoea. Boy at 10

Anasarca general. 3xx of milky  
fluid in right pleural cavity. 3iv  
of similar in the pericardium. Exam-  
ination of this showed numerous  
lymph capillaries &c. To suspect  
all nucleated were metathorax.  
A few larger non granular cells  
were also found.

Right lung somewhat ademalous,  
pale, tough to the feel. Bronchitis in old  
seemed thickened. Left lung.  
On the surface of this was situated  
- anteriorly & laterally - a large flattened  
mass of fibrous tissue, from  $\frac{1}{4}$  to  
 $\frac{1}{2}$  an inch in thickness, the exterior  
being very firm, the interior more gel-  
atinous & apparently of more recent  
origin. Evidence of slight compression

were visible beneath this, but otherwise the lung did not present any marked features.

Heart normal. Large decolorized clot in right auricle; fluid blood in right ventricle

Liver healthy. Spleen soft & pale. Kidneys Large. On section cortex and outer & papale yellow colour. Medullary portion congested. Capsule easily detached. Surface of cortex pallid with numerous stillulae veins scattered over it. A few pitio depressions were seen, perhaps the beginnings of permanent changes. The kidneys even good specimens for stage not often seen after acute nephritis; the result of the attack was past other organs apparently in such a condition that further detumoral changes or a complete recovery would depend on the state of bodily health.

Brain, pale, anaemic. Surfaces on section "wet". Dura irate adhesions

January 21<sup>st</sup>

R. L. Ophthalmic in the morning  
"Lauzon" care of sedectomy for dilated  
pupil "Sclera of eye". Injury 7  
years previously, by the explosion of  
gunpowder, subsequent iritis, trans-  
muted cataract, iritis - . Pain  
& danger of sympathetic Ophthalmia  
in the other eye, which had just re-  
ceived an abrasion. Lodging in  
the sclera beneath the tendo  
of the internal Rectus a piece of  
glass & about that eye was found  
"Copper"

Congenital Cataract <sup>3 years</sup>

attempted extraction, but found the  
lens so hard & opac that extraction  
was performed. Present operation to  
tear with needles some minute  
capsule left in the right eye

Care of Strabismus, internal;  
Old man, gamekeeper, & troubled with  
double vision;

H.C.H "Pugio"

January 30<sup>th</sup>

(Intra Fox)

Case of Apoplexy

Man at 75. well made, well nourished  
History

Post mortem

Dura mater adherent  
to the calvarium, which was unusually  
dure and heavy. Sinuses normal  
Surface of brain entirely hyperemic  
and few spots of sub-arachnoid haem-  
orrhage were found; one over the left  
<sup>anterior lobe</sup> temple, which conffounded ~~it~~ to a  
bruise received by the fall in the sequent  
the second on the surface of the right  
middle lobe, the third on the inner

surface of the left posterior lobe: the remaining two occupied a position at the under side of the cerebellar lobes. The amount effused was not very large, but in each case it extended over a considerable area - in section it was found deep in the sulci. In slicing the hemispheres, the cingulum was marked externally, was not however evident, though the vascular points were well defined. On opening the right lateral ventricle an extensive haemorrhage presented itself, which on washing away the clot was seen to have proceeded from the body & hinder part of the corpus callosum and the anterior segment of the thalamus opticus, both of which organs, together with the adjacent structures, were much disarranged and disorganized. The septum was also ruptured and clots with fluid blood were found in the left ventricle.

le, the walls & floor of which were never intact. The haemorrhage had also penetrated into the third ventricle

The arteries were uniformly atherosclerotic, from spilous rather than calcaneus

nothing noticeable in other portions of the organ

Heart, large, with a good deal of pericardial fat lying upon it. Right chambers, normal, with the septum of slight opacity of the lining membrane of the auricle

Left auricle healthy. Ventricle much hypertrophied, but the muscular film apparently perfect, no traces of "aded leaf patches"; indicated fatty changes Mitral valves, somewhat thickened and the orifice slightly narrowed One or two nodular masses of glutinous atheroma were attached near the margin of one segment. Aorta

valves thickened slightly, & in one  
commencing calcification  
Lungs extremely collapsed and  
a denatured and at the bare small  
tracts of Pneumonia could be seen  
distinct from the collapsed and  
denatured lung by its want of trans-  
lucency & slightly granular aspect.  
Liver spleen firm but otherwise  
normal.

Kidneys, small, markedly fibroid  
Capsule detached with great difficulty  
leaving surface granular & pale  
It seems as if in these cases, the pock-  
ing of the cortex, take place at the  
entrance of a blood-vessel only, the  
round & smooth "jewels," being  
devoid of vessels. On section, cortex  
reduced in size, pyramids within 48  
of an inch of the surface. Malpighian  
bodies indistinct. No pyramidal  
engorgement. Cystic degeneration in  
spots.



wooded path is one of the few things here worthy  
of unalloyed praise & indeed is the only place  
where one can take a walk with any comfort.  
the general character of the city as a flat &  
uninteresting can be well imagined







~~No. 1~~ (continued)

especially in left lung the surface was  
of uniform colour and without the  
cavous masses. Portions of collapsed tissue  
in lower lobes, and there is a good deal of  
blood and serum in dependent parts.  
The bronchi contain an excess of tenacious mucus, and  
some of the smaller tubes have the caeum matter in  
them. Spleen looks natural, pulp not increased  
consistency good, Malpighi's absent.  
Kidneys look a little opaque, otherwise normal.  
Liver looks normal. Stomach contains a quantity  
of half digested food. The Cardiac end contains  
much blood. The mucous lining of a uniform red colour  
and a little soft. Throughout the small intestine  
the m. p. presents a patchy redness due to capillary  
injury of the mucosa. In many places it is uniform  
Pancreas glands are <sup>but</sup> unswelled, neither are the colloid ones  
swollen. Large intestines mucous membrane presents  
the same appearance, no ulceration or involvement  
of the glandular apparatus, merely congestion of the  
mucosa. The Mucocutaneous glands are a little enlarged  
not haemorrhagic.

No 1

Male pig 6-7 months old. Numerous bluish  
echymoses upon skin of back flanks and ears  
no scab, vesicular tubercles or purulent eruption.  
On opening abdomen muscle of a pale colour, no fresh  
meat effusion. Intestines look tolerably normal  
for serous surface. In chest, left lung is rather  
tough <sup>at the</sup> fluid not big is free. about 3<sup>1</sup>/<sub>2</sub> flasks  
fluid in pericard, and then are a few flakes  
of lymph in it. The surfaces of the membranes  
a little cloudy. Heart. Right chambers are distended  
with blood. valves healthy. Left a small shot in left  
vent. walls & valves normal.

Right lung. almost the whole of the upper lobe, and  
the anterior of the lower is in a condition of pneumonia  
being firm, redundant & avulse. the pleura covering them  
dissected & rough here & there echymotic. On section  
it appears as if small cream masses were scattered  
through the tissue, the bone rounded tubercles ranging  
from fine shot to pebbles, opaque white in colour, and  
in pressure may often be seen to be connected with bunches  
and pushed they can be squeezed as casts. The tissue  
then is dark red, hypertrophied. In some areas

No 2,

Male pig. 6 - 7 months. Skin of back & abdomen also about ears ecchymotic, in irregular patches, the other cutaneous affection. Pig moist, disappearing. Oil of abd. no fluid in cav. Spleen looks natural. In thorax no fluid in pleura. Pericard contains a few tracheas and a thin layer of lymph which glues the heart together, remaining on the visceral. The membranous connective tissue is injected. Heart contains blood in right chamber. Small mass in left ventricle. Walls & valves normal. Lungs extensively collapsed, very dark in color - and the lower lobes almost airless. The upper part of each lobe alone of normal color. The bronchial tubes contain a large quantity of mucus and are in tubes of 2nd class in them white tenacious mucus noted on the mucosa. On stretching the bronchi a similar grayish-white mucus lines the entire surface which becomes blackened on injection of the tube. It is then about  $\frac{1}{4}$  in thick, separate, can't leave a much injected surface perfectly which looks like a little mucus. This extends from the tubes of 2nd class through the bronchi, lines the lungs as a thick club, doesn't stick, grayish mucus same. covers the epiglottis the pillars of the fauces, the tonsils and extends into the posterior nares, covering the velum pendens and the septum. The mouth beneath the tongue parts are very much congested and very dark purple in color. The mucous glands filled. And the tongue the tongue is enlarged. Spleen looks natural, dark reddish brown in color, pulp not increased, congested and liver looks very pale blue in form and full blood. Full kidneys a little cloudy, but very swollen looking. Stomach contains half digested food. In a little indented, without special tube seen. Small tract contains a gall for fluid, feces in it, not congested. Peyer's patch not intact. A few small raised non-congested spots seen a short distance from valve. Like the inflamed skin, beginning to ulcerate on top. In the cecum & colon are numerous small sloughing spots - ranging in size from  $\frac{1}{8}$  to  $\frac{1}{4}$ . The smaller ones present a central white spot surrounded by a zone of intense hyperemia. The larger ones have a large grayish yellow central slough kept from separating in some - also give evidence of hyperemia. A few are seen in still darker slate while a small white slightly elevated mass - a callus (?) is seen covered by a ring of congestion. The cecum has lost most of the cecum & ascend colon. The mucous below the spots present irregular areas of hyperemia but looks antemortem. The mesenteric lymph nodes swollen slightly, tuberous but not much if at all congested.

No 3.

Female by 6 months.

Large intestine. The head of the caecum looks dark from outside & is covered with E.C.C. the glands in its neighbourhood are of a dark purplish colour somewhat swollen & on section the costal part is the seat of retraction - the mucous membrane is intensely congested somewhat thickened & at one part covered with a uniform dirty membrane the rest of the caecum presents a large number of swollen glands those near the head are close together, may have merged together & presented a dark discolourization on the

surface higher up -  
the but they are more  
isolated & present brownish  
yellow tops immediately  
above the valve there are  
two or 3 flat ulcers size  
5 cent. b. for 18" from  
this part the wall is  
thickened & presents  
numerous confluent <sup>open</sup> ~~greyish~~  
sloughs which are still  
closely adherent to the  
tissue beneath some  
have separated leaving  
flat ulcers for the  
rest of the intestine is  
much congested covered  
here & there with a  
dirty grey membrane  
The solitary glands are  
swollen & sore & there  
is a distinct ulcer the  
rest of the large intestine

is somewhat congested  
but is not ulcerated  
Lungs white except of  
some collapse & one  
small patch of infiltration  
appear healthy. Beneath  
the peric over the right  
orifice is a uniform  
layer of blood & portion  
of the wall of this  
cavity appear infiltrated  
with blood the same  
condition though not  
so marked in the left  
liver an interc  
dark slate color which  
is uniform throughout  
Spleen not enlarged  
consistence good  
pulp moderate  
bow in the sub  
mucous tissue of the  
rectum in a large

portion of its extent are  
numerous hemorrhages  
the intestine looking  
quite black

Additional on no 3. Cap cæcum presents a mottled gray tenuo-  
rum as the mucous canal.  $\frac{1}{2}$  to  $\frac{1}{4}$ " beneath it - the mouth is into  
engorged & far as valves went - scutell over in the lower half will  
sound clear, adherent bodies, flat dark or a mottled color, & pale  
raised bodies which project dorsally, over at the darker in m-  
① The lips of some are depressed, & may be in a shallow pit surrounded  
by elevated & thickened edges. In 8-10 of them are often  
merged together. In the upper half of cæcum they are small, the lips are  
not so flat - and the little central slough is begin in many to  
separate. A few spots are seen like swollen sal glands ~~nodes~~  
but they are small. For quite 2 feet above the valve the m m present  
a rough leather-like appearance the whole wall is stiff and firm. It  
looks as if the m sinewy muscle with a very depth scutell. which here  
& there is beginning to take a yellowish-greenish tinge, & dark &ular  
surface several. Scutell over the area are also numerous  
patches as in cæcum. Falling on the gut 3rd & 4th foot the  
mucous is dotted over with small spots - like m. ca. for many  
of which the slough is separating. The small intestinal mottles  
the terminal portion of the stem and the valves are not even inflamed  
a few patches is evident, to the valves is perfectly normal.

Case 4 Pig 4 months old. Had been ill

was very weak sluggish. body temp much increased  
careful inspection fails to discover any abdominal  
lesions such. There are a few blotchy ecchymoses  
and the ears present a purplish color. The animal was  
bled to death. Blood <sup>dark</sup> somewhat dark but looked natural.  
Nothing abnormal in abdomen cavity. In thorax lungs  
collapsed. Pericard. normal. Heart healthy. Small partly  
decolorized clot in left vent. closely adherent to valve.

Lungs quite healthy a few patches of collapse noticed.  
Trachea. pharynx & trachea healthy. Spleen a little  
larger than the others. but firm. pulp not increased  
one wedge shaped haemorrhage visible on free edge.  
Kidneys look healthy. Liver also good. While a little fat in  
abdomen. ovaries and gen appear normal. Stomach  
contains recently ingested food. M. m. perfectly natural.  
Nothing abnormal in small intestine. Peyer's glands absent,  
and very long. not at all swollen or affected.

In the colon are numerous patches, of a vermiform shape appear  
at the duo-caco valvulas are four flat spots on the mount. They have  
merged in a line a dorsal. extending 3" in the length of the gut. They  
have a rounded central border. a smooth regular surface, which  
is in 2 of the stand black & present a concentric arrangement  
fibres come together in small processes forming round a central portion  
one or two small masses set in the cæcum. Higher in the  
colon are others, isolated, 6-8. the size of beans perfectly  
round, & present the peculiar concentric arrangement.  
The central part is a little darker than the rest. They  
look like small crusts flattened out

## Histological Examination

In one case

Liver ~~case 3~~ dark slate colour. Teased portion shows the cells slumped with small fine granules some of which look black, the general appearance is that of cells in condition of chronic swelling. The nuclei are distinct & not obscured. There in the field are innumerable granules and also cells resembling in all respects nuclei of hepatic corporcles. In certain of the teased bits the liver cells instead of being distinct and forming a horny column appear as if merged together into a homogeneous granular mass in which the nuclei are irregularly scattered.

~~presenting~~

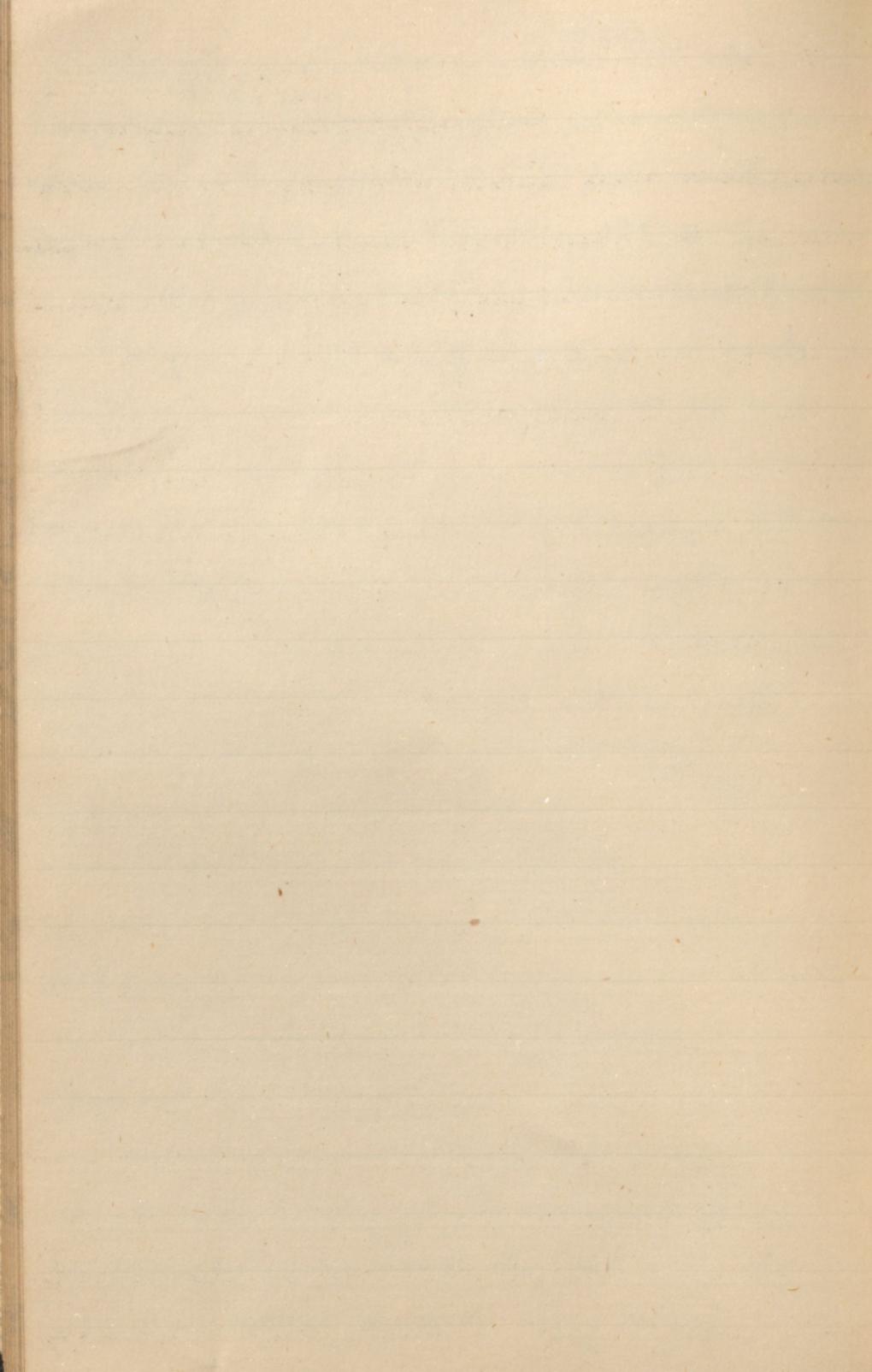
sympathetic gland (case 3). Portion of this one, which appears of a uniform, dark purple colour, show an enormous number of blood corpuscles throughout the gland tissue; the lymph corpuscles are natural looking. A few giant cells are seen. At one spot near the center a collection of somewhat larger corpuscles the very granular wh. to corp. were seen surrounded by an irregular stroma.

Tumors The peculiar carcinos material which follows the wounded sites in the hepatic portion of my case consists chiefly of small and translucent corporcles, solid, looking like fine nuclei and about  $\frac{1}{3}$ - $\frac{1}{2}$  the size of colorless blood

test 5

corpuscles. They adhere in clumps in the dried preparation. & occasionally 2-4 may be seen apparently embedded in a slightly granular matrix. A few were noticed to have a ring of cell substance about them. These elements comprise the bulk of the material in the tubes. Scattered here & there are larger corpuscles like leucocytes and cells of the epithelium &

In the majority of the cases the lymph fluid is swollen & enlarged & tumefied, often of a deep purple colour, depending upon the extension of the disease in the cortex.



# Experiments

1st Sept.

Saturday 7.30 P.M.

white

I a three months old cow pup was impunctated with lymph and blood obtained by squeezing the portion of the skin - where it was edematous - of Case I and collecting the exudate on every part. The process was performed in 2 places by scratching

the skin - in abd. and near groin - with the very point  
2d appears all night. T 104.2. 3rd. no change. cuts well looks  
hairy. 6th not so hairy. does not come to the side of the pup. & -  
with difficult stood up. By middle together. 7th a.m. T 105°. Has  
eaten well, no diarrhea. Place of navel. Two dressings. A diffuse cutaneous  
area redness scabs over skin of belly wh disappears on pressure. A few  
spots noticed of circumferential hyperemia, irregular in outline. Chief about  
hair follicles. They are then more swollen & somewhat popular. They exist  
in flanks and in belly. 8th away.

9th a.m. T 106.4°. Bleeding abd. not so marked, but one or two faint  
spots? visible. No effect of ears. Nipples say. They feed well

11th appear very well cut is usual. One or two  
irregular papules about as ecchy or blotches or hyperemia.  
T 107.

14th. T. 106.2. no change to note. Animal feeds well.

17th. M. T. 105.4. Animal looks ill. Back snubbed  
down up. Skin looks bark dry. Skin of abdomen of a  
dark red colour, and covered with small slightly  
swelled papules. Skin of back of ears also very dark  
& in part edematous.

18th. T 102°. Skin of whole body of a deep dusky  
red colour, somewhat brighter on abdomen. It disap-  
pears in most places on pressure, returning very slow-

when the pressure is removed. over skin & in  
acalla the skin is in place & dry moist. Backs often  
very dark. Inguinal glands enlarged, animal  
does not feed well & looks ill. Eyes bulging in.  
P, T 102, not excited. but skin & no diarrhea. M. Myxoid edema

19th. M. T 104°. doesn't feed well no diarrhea E. T 105°

20th. M. T 105°. Not excited. Skin very hard. Sputum

yellow & not watery. Examined the blood. no red corpus look normal. agrees in clumps not in def. solution. The colorless app.  
element increased & vary a little in size. Schauder granules  
are also large & numerous, the individual elements often very distinct  
a few free particles. No Bacterium. Film fit to abraded. P.M. T 105°

21st. M. T 104°. Redness much less, often blotches - on abdomen, which  
disappear on pressure. P.M. T 103°

22nd. 104.4. Much like marked gland. All smaller  
23rd. 104°.

24th. 104°. 25th. 103°., 26th. 105°. No rash visible

27th. 104.4. 28th. 104

## Experiment II

Sept 1st 7:30 P.M.

<sup>black scab</sup>  
A three months old swine

was unvaccinated, by scratching & rubbing in the matter, with material obtained from one of the plagues of case IV. and per second place, on under surface of belly, with material from examination of intest. of case III.

Pulse unmoved after operation 100°. T 106° (This with two separate thermometers). Nothing unusual noticed at the noon seven vnt until the evening of the 6th when the ear did not appear so live & lay beneath the skin. 7th - at the spot mentioned of belly where above there is an elevated swoln area but flattened on top, not at all inflamed, about 2" from it toward the right ear is an oval swoln, the size of a small plumb, looking a little bluish, & feeling like a swollen lymph gland. The other spot on the goes presents but, any signs of reaction. A faint, just perceptible redness - noticeable in abdomen, and on inner sur. of arms are a few small papules, at cost of hairs - 8 or 9 areas.

8th T 105<sup>1/2</sup>°. where inoculated less swollen. Redness had disappeared. Papules were no marked. Feed well. S

11th Site of inoc. marked by a flat tuberos swelling one or two papules on flank. No hyperemia or edema. appears quite well T 106°.

14th T 107°. Little change. Site of inoc. marked; elevated spot. and a lymph gland in right elbow.

17th T 105.4. Skin little, if at all, injectable ears not affected. Inguinal glands enlarged and also one or two, a inch post. to the navel.

Animal looks tolerably well

18th T 102.3. Not near as much affected as the other skin a little by per anum. no papules. Inguinal

glands swollen and hard.

E T 103. Glands swollen as before, some on tons.  
not much skin eruption

19th M. T 101.3. Caudal about same. E T 104

20th M T 103°. Very little redness. Pm 104

21st A.M 104, PPM 103.4

22nd A.M 102. does not appear very ill

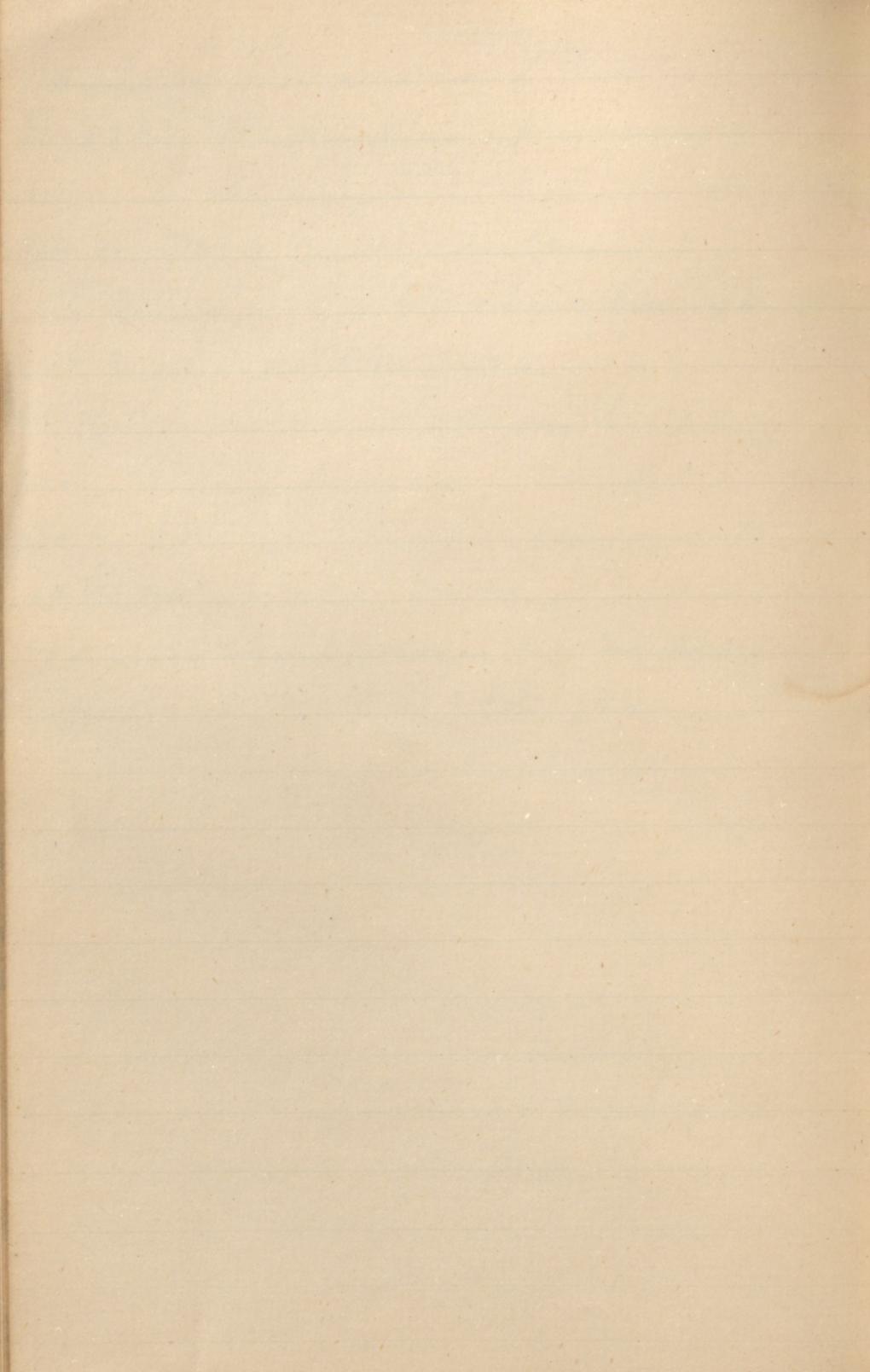
23d 103.5°.

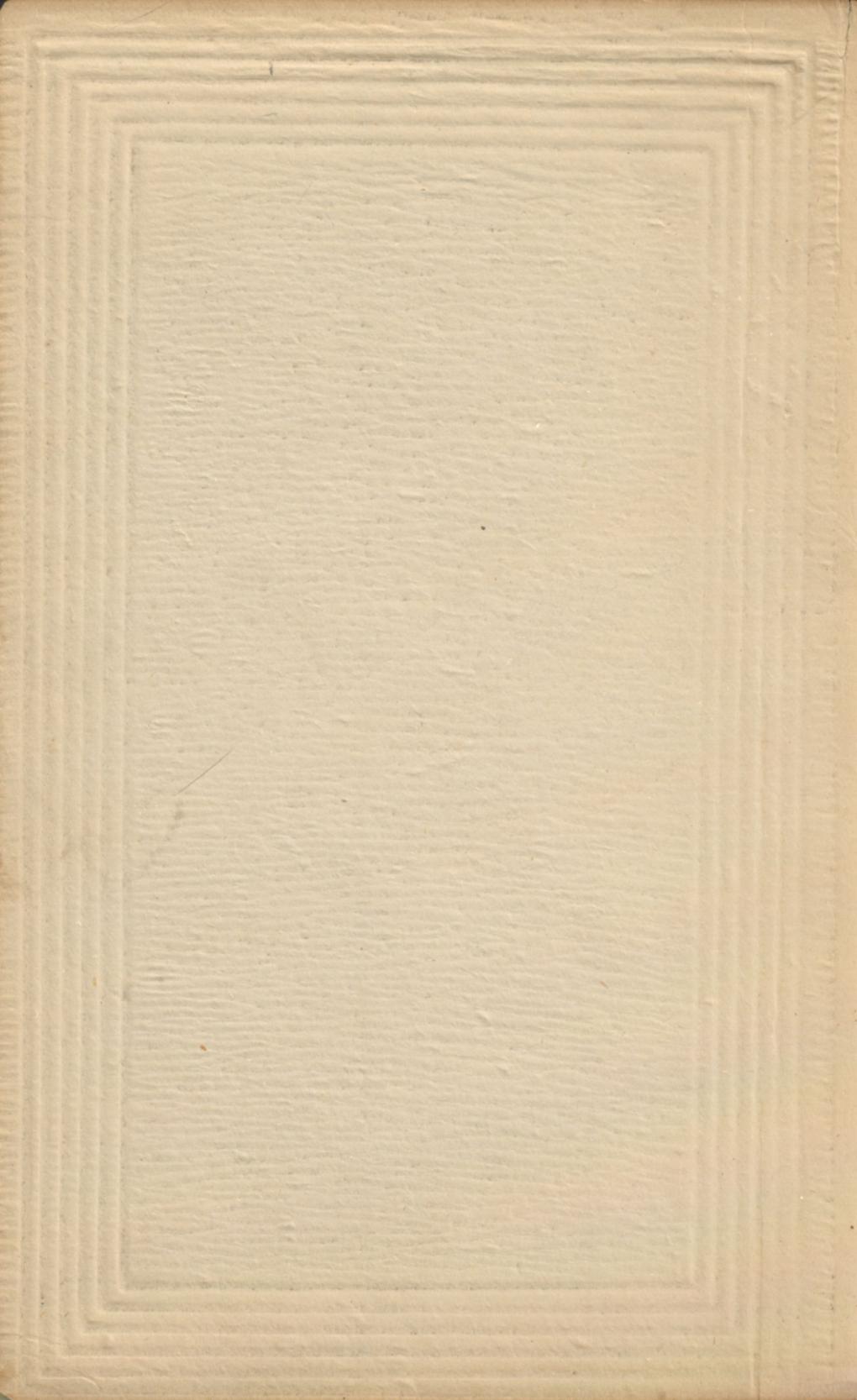
24th 103°

25th 104°

26th 105° does not appear as well has slight perhaps  
farrow. 27th 104.. 28th 104.







# Entle Vorlesung

- Übericht f. en. news. (berichtshab.)  
berichtung f. en. performance. Ber. ein Gebet.  
Üben. exer. & do. perform  
Thatigkeit. activ. (en. act.)  
Äugenschwund. blind.  
Verlangen. av. to ask. demand. deav. long.  
Sorgfältig (Sorgfam) careful, solicitous  
Probaktion f. en. observation  
Anwendung. application. Employment  
Fakt. fact. due delicate  
Hilfsmittel. appliance. remedy  
entdecken & discover.  
Offenbar - manifest evident  
Schlaffen (es. pl. e) sleep out.  
(Abfall brennend, nascere)  
Glied (m es. e) limb member  
unbeweglich. immobile  
zwingen to bind  
unterbrochen uninterrupted  
Kehlen (hob. gehobn) luf. beave voice  
sinken & sink (to lay plans)  
Rehoren. to believe. appetam, to desire  
(Es. schort sich bei jetz.)

Pulschlag f. pulsation, Pulsader, artery  
Ader f. vein, (oldenrader, puls) (zur  
Kälte löszen t. bleed, Aderlass bleeding  
Weite f. indenew

Überspringen (übergreift) to cross, cross over  
Ausatmen t. breathe out  
Doughen, to go up, to happen  
Entfernung, distance

Anpassen t. fit to, to adapt; accommodate  
verhatten to kiss, tact, retarni, to be, the beha-  
ving t. stir up to excite

Bertrandtheil, by constituent part, element  
Zusammenhangen to be connected

Zusammensetzen, carry together, to shrink

Schmerz, pain, - silend, auditory - volksp

Läufen t. let. (läge es zu sein, worn mod,) (was wasen Larven t. in alle wahr)

Schlussfolge, conclusion, Logic

Hilfsquelle f. resource expedient

Kinheit f. former, delicacy

Thatssache f. matter offact, fact

Gelingen, gelang, gelungen succeed, prosp

Einsack simple, plain

Fermikeln t. entangle, to complicate

Ausführen t. lead out, carry out, execute

Betreffen, in t concern. t touch  
unreis m. outline sketch  
Gelegentlich occasionally, suddenly  
notwendig, necessary needful  
Gegenstand my subject  
" wartig present  
widmen t devote dedicate  
wahrnehmen t perceive, observe, take care of  
beschaffen t procure  
probieren t try t examine  
versuch & experiment  
unterwerfen t submit to  
Feststellen t place before, represent  
genauigkeit f. accuracy exactness  
Wagen t weight  
inden, while  
Betrachtlich considerable  
Kraft strength force power  
Wenigstens at least. - in fact  
Durcht- n., <sup>wight</sup> as impedance  
Schnitt m. slip face. Schutt voice slips of  
things f. materials. rubble  
Punss certain even  
Beweis m. proof argument  
Forme form

Stricken t. lich. sprud. sprays  
Mederschlag m. granitthal  
Kohlen aus carbone und carbonat  
Wirkung t. effect operat. cause  
Nachwirken t. show prove <sup>of law</sup>  
Vorkommen t. exist. vorhanden (ad) at han  
Aufweisen t. show exhibit  
Stammen t. original. sprung from / kulturm  
feitauf subducing. operation  
Dauern t. continue  
Ausnichten t. rest repair  
Erzleggen genetik produce  
Fortschahnd continually  
Intendieren t. unfold develops  
Verlust loss damage  
Siedel in place position  
Ding n s.s. thing (Unter Dingen sein t. be meny  
Unbegrenzt unbounded, unlimited  
Gesammelschmuppen. t. solivel  
Wirkung t. effect operation  
Allmählich gradual  
Verminderung diminution, lessening  
Gebietssch impetus  
Impulsus. impuls. per ceptrum

Bedürfnis (n) want need  
Bisprechen to satisfy  
Blafatigen to snaffle  
Unbestimmt indefinite <sup>welt</sup>  
Durchaus throughout thoroughly abroad  
Verkehren to provide (to imminent even  
Bestehen to suffer undergo - to consist of  
Irgend any some  
Gestalt (f) figure form shape  
Verfaltung (f) adulteration  
Gesammeleigentum, compound  
Sauerstoff oxygen  
Stärkemahl starch flour raff.  
Nahrung nourishment food, livelihood, base  
(nahrungsraff - chyle)  
Papierd. agreeable, seemable, fit  
Inhaltsstoffe Hallen rice  
Festianchen to censurate  
Auswurf expectoration sputum  
Fistula (n) condition state  
Fermischen to mix  
Bedingung condition stipulation  
Ausdrücklich considerate  
Fast (adv) almost nearly  
Harnstoh ura

Feststellen to fix determine  
Auswerfen throw out  
angreifen to surround, to surround  
aufzählen to enumerate

Gesamte close accurate exact  
Entsprechen to answer to, to correspond  
beweisen to prove

Intervallnud continually

Abrufen to deliver to pay

Ausgleichen to compensate bilancieren  
Währ. ip. balance scale

forscherräum (m) interval

steigen (steij gestieg) to ascend  
Durchschnitt average

Schwanken to stagger to fluctuate  
Kunstgenug to set off, to sell, transact  
Haushalt housekeeping economy  
voransetzen to suppose

erwischen to catch attain

Leisten to do, render perform

Durchdringen to infil. develop

unbedingt unconditionally unlimited absolute

Befriedlich (adj) to be satisifed

Last f. load burden

Boden m ground soil - Kämme farms

Ausströmung ff. certain

Betimmt. positive certain precise  
Betrag. amount sum total  
vergrössern & erläutern & increase  
Augmenzen. conformable suitable fit  
forschung. addition contribution  
Importen & supply

Erzolg (m) consequence success

Eintreten & bread in, take, & happen  
verminderen & diminish

Wachsentwicklung. product of heat-

Kerabergen, low. degenerate deprecate  
verbrauchen & consume

Augmenzen. conformable. suitable fit  
Fortwährend. continual, for. m & last-  
Gesammsatz zu komponieren

Verhältnismaßig. proportionate  
Folgend. continual lasting  
gesetz zu decompose

Gerade straight direct

Verhältniss relation proportion

Kraftmenge. quantity of force

In jungen & produced generate

Geftalt f. phys form shape

Betrag. amount sum total

Leisten to do perform

Hinterem chimney, flue - segn. c. unif.  
Betrachtung f. consideration, contempt  
Aufgabe f. problem

Ausüben to exercise practice  
Dropped fall in pieces

Einfach simple plain

Kumpf. trunk, boomp

Hornschale : brain - pan

Schädel, skull

Bauch n. belly, womb

Gelenk n. joint hinge adj. pliable supple

Leichtlich nubile perceptible

Ausserlich exterior, external

Gleichmassigkeit, similarity, equality

Aufzuwirken to show forth exhibit

Schenkel, the thigh

Gehe f. wa. - Später up to

Vollkommen perfect, complete

In der That indeed, in fact

Ahnlich like resembling

Eingrundete n. interstices

Izwischenlig. interlateral

Rücken flache, back, part area

Graus close accurate

fähe tough tenacious

Lamle f. column pull. post.  
Hervor h. call

Trumen t. separate

Bug. narrow close tight.

Kaum m. space room

Unmittelbar. direct immediate  
Verbindung. connection. unim-

Reihenfolge t. certain t. abstain from

Strang thy cord. rope. string

Huckelmark (n) spinal cord

Wesentlich. essential real (pr. wesen. substance, being)

Ausmaßen. t. measure mt. t. celle. decide

Unterabteilung. subdivision

Brennkenswirth. malleable

Thils party

Geschießt. (n) Diaphragm

Veranungskanal. Digestive canal

Reihe f. row rank. file series

Nier f. kidney

Fast almost. nearly

Schlundloß. Pharynx. (throat top)

Dantellon resonant

Erweiterung. dilation

Magen am. stomach

Auditen t. signify. indicate

Buchstabe n. letter. type

Querschnitt. transverse (cross) section

Münden to discharge

Bezeichnung. denomination. nomenclature

Boden n. ground soil. bottom

Dach n. roof

Senkrecht. perpendicular

Scheinbar. seeming. apparent

besitzen mit upon. depend upon

Ausnahme f. exception

Verzweigen t. ramify

Flüssigkeit. fluid. liquor

Repass n. reseal

Fest. adj. fixed. firm solid

Anordnung. ordering. disposition

überlegen t. reflect upon to consider

zerlegen t. like to pieces. to disintegrate

fähe tough tenacious

ein hüllen t. wrap up, involve

überzeugen t. convince t. convict

nutzen t. undergo suffer. submit. consent

Schicht f. layer bed. stratum

schuppen f. scale. scurf

abwerfen t. cast off

fasern - fibrous filamentous

Verletzen t hurt t injure

Vorwärtsachen t cause

Empfindlich sensible <sup>(empfinden to feel)</sup> perceptible

Berichtung <sup>(ber. beris.)</sup> doing, performance

Oberfläche f. surface, superficie

Ablösen t loosen <sup>t attempt to free</sup> untie. t give loose. t pull off

Kant. m. edge, bmtl border

Aufhören t cease t discontinue

Vertreten t represent, supply

Minder less small (-jährig under age)

Kleber gum, Klebung viscous, glutinous

unmittelbar immediate direct

Gärlichkeit delicacy

in Grunde in truth

umgeben t surround, enclose

Interspachen answer to, respond to

Hauptträgklich chief, essential

Leim, glue, lime

Getrennt t apart

Scheide f. sheath, Schutzhülle, Chemikalienschutz

Knorpel m cartilage gristle

Eindringen, t enter by force, t penetrate

Vollständig complete

Übrig remaining, in übrigem as for the rest

Schne f. snow tegelov

Band Zusammen

fest almost nearly

Erlangen to acquire obtain. nach  
Festigkeit firmness

Dichtfestigkeit density compactness

Wichtig important

Umhüllen wrapped up

Dasein v. to be there, to exist. (now m.) Berlin

Aufpassen to seize. lay hold of

Auschwollen to swell up

verschwinden to disappear. vanish

Hölle the cover, veil

befestigen to fasten

Schulter f. the shoulder

Eigentümlichkeit; peculiarity

Ausdehnung f. extension

gleich at the same time, at once, whilst

Abnehmen to decrease diminish

Ursache f. cause reason

einfließen to influence,

Reiz n. (stimulus) sting charm

lieenschaft f. quality nature

Gewölbe (pl.) ceiling

Kobel. m. lever

Anordnen to order dispose

Stützen to support. also prop, support

Stütze n. prop, butt. - backbone, mainstay

Duft. light smell. am. fragr. - an. close by  
Zugatz m. addition. addit.  
Vorsteuern t. pelvis  
figsam flexible  
Imdeon t. separate  
Ursprünglich. original. primitive. theur  
Wing riding. remaining. in Wagen as in  
Steig m. attack. fundamental  
Gürtel m. girdle. belt  
Schuhfellein. villa bone  
Becken m. basin. cymful  
Invacheen x. t grow up. adj. fullgrown adult  
Zerlegen. t disjoin cut up. dissect  
Scham f. shame. - pleid. genitalia  
Knie n. knee. - scheibe f. knee pan  
Hebergut care. cover  
Heberzichen. t cover t lay over  
ohnm. t more. stir. Nutz. f. cleanhaa  
Schlüppig slippery. obscene  
Akinden t separate. t secrete  
Schmier f. salve. grea. ointment  
Schwerpunkt m. centre gravity  
Ergebnis. n. the result.  
Gesammelzung f. contractive,  
Gymnotig. oppone. mutual

Stechgricke <sup>Stechgricke</sup> equilibrium, equilibrium  
Stütze f. prop. stay, support  
Wölfchen t. lass. I continue  
Wölfe f. calf (of the hog)

Wonnas begin, in the first part

Strabam. striae; t. moist-

Augen zu t. bend

Zugriff together, at once

dorzu, thent, t. that. u. If nothin' will - I can not <sup>meant</sup>

Wirkung f. operation, effect

Aufzonen t. raise up, lift up

Verkan (n) harm, pelvis

Nonfunktion t. reflect upon

Funktion t. take in.

Gru over close, straight intumesc, a minute

Abwörgan t. weigh out, proportion

Igland some, smooches, perhaps.

Zeitig violent, vehement, eager

Efloraz (n) clasp, stroke blow

Entstapen t. begin, arise, spring

Momflos powderless

Orfallo (a) slack lone fluffy

Leygogen t. happen to meet

Lebewesen t. living, handle

Wamwarker t. cause, occasion

*Forfütterung* f. shaking. quaking

halten + suffer to bear

*Erwücht* occurs. known.

*erfolgen* to fetch up - + never, to ripen

*Zufügen* to bring upon to cause

*Einfluss* m. influence

*Ausüben* to exercise practice

*Gießtag* spiritual intellectual mental

*Frauen* f. agitation

*Gewürz* m. smell. scint. fragrant savour

*Erzeugen* to produce to generate  
dazzle conclusion.

*Wahrstand*<sup>(m)</sup> the intellect, understanding

*Hinrichtbar*, immediate

*Forforschung* f. search. inquiry

*Wankeln* to fluctuate, to waver

*Twitz* (m). dash scum, & an to dash off. - den although

*Monogram* precedence, example occurrence

*Empfinden* to feel perceive

*Erzeugen* to generate. to begin to produce

*Eigent* own, peculiar proper

*Demor* yet nevertheless

*Desomniftigan* to survey control

*Zucken* to shun. to stir. also *Ouffeln* - & shun  
the shoulders

Desmofrung the touching contact  
Raap f. row. rank, series  
Fukkong along  
Lekan Lunde lead  
Kappadiung f. injury  
Zangkisan to crush, squash  
Lukung f. the direction, management  
Gelomogn to arrive at  
Fäsig able, ability  
Eruyinkung influence  
Wawandeln to change convert  
f. inform to induce, experience  
Erzugen to produce, generate  
Leppoffenf. condition, quality  
Fangen to seize, stir up  
Kustund f. circumstance condition  
Hwaltungsmassing proportions  
Kewarfen to cause  
Differenz f. oscillation vibrations  
Lexisung, relation reference  
Stützen to support  
Lesöppen to snuffle  
Abzweifhunng, conformity  
Diffassen to comprehend, to shut, lock etc.

Haubourf. consumption

falzogen to acquire obtain

Rufourf. to separate

Zackspur snarl effect fact

Hickwriten to spread diffuse

Ökzolourf. circulation

Örffüßen to open lead out

Örföring (m) appendage

Zimmohmen to crush bruise

Gwoetzen to decompose

Domwoch (m) stor stock provision

furnuern to renew

Auflöfen to loosen dissolve

Dysphanie to wave to be suspended

Koff last miss mud

Wanffalten to distribute

Abkömmling (m) offspring descendant

Gewürzung f. combination conjunction connection

Geschäftszimmer interval interstic

Ötößwurfs (adv) by starts dashes

Lässwangsphus to proceed h. go forth

Dumfordnogen to penetrate to pierce

Unzählbar innumerable

Ölkopfer to put on to establish

Ötößan thrust push

Ausstoffen to push out, eliminate  
Droppings, other. otherwise  
Ausfall. utmost. extreme

Oavingo little, small, meager, low  
Laden white, white.

Lauofall. house-keeping, economy

Auskopar. washer, cleaner

& I M Winkel. (m) angle, corner, nook  
faßbar to seize upon

Verantwortig. take possession of

Verbrennung f. combustion

Werkzeug <sup>auf</sup> precious. active  
unförderl. incessant

Gejoro. belonging to, proper

Oppositions. velocity, surface  
Ortsfest local.

Mongal want lack, deficiency

Hausfleugel. providing for, maintaining  
Lebenslinie constant, steady

Lebensfahrt. business occupation

Lebenslinie t. unite, b. lie. things

Lebensprogramm to add to, join

Forscher. tormentor

Ausruhen to repose, rest

Neuloman the desire longing for

Unterspindeln to distinguish, discern  
Kunstbecken jaw-bone  
Abneigen to proportion, adjust  
Durchmessern diameter  
Mittelbogen mediate indirect  
Bissw. hukkolo. till now  
Auskutzen to signify, to intimate  
Ausmarken to mark out, settle  
Rowanz, pretty  
Fapologien to issue, results  
Frostschaden to repair supply  
Wahrscheinlich probable, likely  
Suffizienz visible, perceptible  
Angepasstsein conformable suitable  
Frostschaden maintenance support  
Frustration to lead in, to enter to happen  
Unfoung, circuit, extent  
Wahlzeitung, injury, hurt  
Lebend, burning, combustion  
Fruchtwasser prenatal renovation  
Spanntullen to restore  
Hausfassundam to drappem, ranch  
Barbarismus criminal  
Gewaltthum violent, powerful  
Hausvogthum, poisoning

- Gauk n. neck. nape  
Gauwotwirken t. strangle. t. appear  
Gaukernoy. choking suffocation  
Gauwogn t. strangle  
Gauwoken t. be bound  
Gauzen t. stop  
Künftig. artificial  
Gauksam. efficacious. effect. active  
Gauformen t. form anew. t. transform  
Gaukow soluble  
Gauindago. basis. base.  
Gauklich. crumbly. friable  
Gauk n. dust powder  
Gauktarren. t. dispense  
Gauklarung. migration  
Gauksparn t. scrub. expand  
Gaukun t. devine. entwine  
Gauksprichtaft. likelihood. probability  
Gaukeln. collect. gather  
Gaukewstrahl. sun-beam  
Gaukdomen. penitentiary  
Gaukstellung. mosity  
Gaukflingen t. entwine. twist. devour  
Gaugef t. inter. barrow  
Gauftown. sober. Sifin over miftown I have not yet eaten up

Zmarta. Howlefung

Crova close. narrow

Suwifkwasan bows. intersect

Hünden to discharge

Groppig. meshy.

Dismodominis. sponge

Berliker thns. intersect with. granular

Gefüge. pliable flexible. (texture)

Wespfer provide. intersect with

Fingernail to quarter below

Dismonken to flintlike. vary. claggy brittle

Difflinga f. Rust. Corp. snarl

Momifmol. sometimes

Pustarfolk abroad. without ground

Iannorf yet notwithstanding

Däulen to work mice.

Infolk m. contents

Karfelzau to postpone. to consider to wait after

Ladinojan to irritate.

Fugblif considerable

Pluofufrau to carry out. execute

Quer cross across. oblique

Smawfolk. culture

Dyska f. sheath.

Wawnoyan to strain. to contract. narrow

Yokkeif actual, in fact  
Kawagoya t provide for  
Lepturus or tpx, determine some  
Turifomoy in the passage  
Kawagoya to bar. to block. to blunt  
fallow to teach. obtain & acquire  
Toogoyan against their force in return  
Influx <sup>on</sup> influx affluence supply  
Rivuleting. & turnholt & part in  
Affluxes to be open.

Water . . . to let down

Dikebank. / sluice flood gate  
Damsössahn. water. bridge  
Kawagoyakai compare. bethel and  
Gusio <sup>(m)</sup> branch. bush. twigs  
Lewelsahn to proceed from. to originate from  
Agriculture cultivate. to perfect.

Wetland. a under ground  
Ground, pull to tie

Ground. on the contrary  
Wetland at hand, & land & soil  
Reinstan to direct

Entogoyangatgen to oppose  
Killing. direction  
Opposition to allow permit

Konfiskasjon t show demonstrate  
Enttakssam than. t strip  
Abneforsen t take off. t lesser t diminish  
fuktorer along  
Rückwärts backwards  
Lekke t offer to bid  
Særsjøen t provide. t securing t commun  
Portmøn f. Rund. sort  
Korrektsjon t come before. t happen occur, occur  
fuktforsen t decide. t determine  
Gleirfall's ukunne also  
Nærer-ning nearly lately  
Konfiskasjon t show to prove  
Misføring. erant circumference  
Grensmøntr. branch int. ramify  
Kjempelengen complicated  
Frosjekjen t pour out. t discharge  
Oppmuntstofferf. in common  
Oplomøn t come ab. attain to  
Dibroogen contribute  
Ferogasmide intestines  
Ausvurkst. & consequence  
Münnpunkt desirability  
Borttafør. t goes. spes. t blow away  
Tidfortning rough. crude estimation

Kapuz, to turn, to twist, to sweep  
Einfälgan to lock in, to include

Kleben to stick to, to glue

Lokew bone, light, durable

Umfüllen to envelop

Differen zu suspended, to wave

Insensig inside

Differenzwand f. Partition wall

Reaktion to perceive, to observe

Wandspaz, replies simple

Oftatt smooth, Oglotz bald head

Langhaarken to strengthen

Erfestigen to fasten to, to fix, to strengthen

Göpf rough timaceum

Herrichtung preparation mechanism

Zeppe tip, end - mütze nightcap

Safse snow, nerve, string

Griffigey f. Ibrahim

Zopfhaan pin, peg, tap bunoy

Zusungen (zusong, ozusungen) f. force, constraint

Oxwallan to fall upon, to turn over, pure, perfect

Skinner to strip, to pull with claws, to pull

Outwards upward

Ojerd soft mild, smooth

Thrust therefore according

Harmogen be able to have the power  
Harmogen to occur & cause, induce  
Gleichzeitig simultaneous

~~Bläffwur~~ ~~bläpp~~ endure bläfl. Worfwer <sup>Reine</sup> bläpp, pr.  
fallöffnung dilatation

Rimbaus off. Knowledge notice.

Lage situation site, layer stratum  
Fazognen happen. chance  
& fassen to strive, to struggle (n) ~~as~~. effort  
Diplof. sl. h. bone lax. flatly

Rücksichtsw. & knieb.

Diplof. <sup>(short, gripping)</sup> stone. push. put in, to throw  
Knochen over. pull. pushed by  
Haut (n) subducing operation, canine.

Cuttfaser tissue to break out

Wirkun (r) to all. steep. softens (n) wif. grasses. to give ground

Rüffbars. train up the. tabularis armel

Rogen & project, to shell out

Pinsammen to strain to stretch

Horkafung f. postpartum prevention.

Gewissamen bar. well. obtuse

Darsteller. present, offer

Ustaminunden to anguish overcome,

Dankwif. perpendicular

Reibung friction

Frißgut Lazarus. sluggishness

finlangfint to be evident

bleffall, bleffagon, why, whence, for wh. reason  
bleffaphilist the unaccustomed

borjagan + yield + grant

Ubbawmunder + overcome. conquer

Oubamander asunder, divided, separably

leften + do + under, perform

Ewiflaffku + slacker nlat

Towlypongan to transplant, transmt, propagate

Waponefbork perceptible

Obourr stiff, inflexible

Ubabfoupt generally, altogether

Inbabondaz usually, particularly.

Fzangung of generation

Fzuefuhn to mention

Hennefwan to augment, to multiply

Buffyisfawn + store up

Dyommug, bending crooking, turvin

Dyfleashif finally

Croonyz iffison ejictin

Okkofan to understand theer, perceive

Frangin thappu + chance

Dampf dull damp hollow

Mennig opinion

Zooken in a book and h - a diffently

Habemus summan sagre  
Iaffo. the. - beyond summet the better  
Oflöfa the temples  
Oymmoymo. oscillation. vibration  
Oyoyusukumoy. reaction  
Fufisan. to incise, to break out  
Rittermugs. the sun, indeed of course  
Hwftörkew telmughlen reinforce  
Fufisian trumpet-cuplet  
Fozulan to obtain train at  
Hawzafan to draw. to spoil, to delay, long  
Yalunay. duran.  
Hawfaten to distribute  
Hwftörkew. small, fine, delicate  
Fogtunis fruit  
Oubrasan. to open, blank open  
Läufan to increase augment. to add to board  
Unterjöltan to maintain support  
Hawmoym to diminish lessen. debili  
Omfügwan to lead; to command, guide, etc.; cheat.  
Oflorufi leather pipe  
Owoj. my waterspout, ray, beam  
Leadinoym. evolution, stipulation  
Hutubai. first, above, undoubtly, by the by  
Poyson, suitable, just, convenient

Gawfaw : to provide, to invest with  
formalities. to act an influence

28

60

Obw-auffah. experimentum.

Hawtahm. Hand. invest. with to grant

Gawtahm-jaw, to bring in: induce

Kesjoffan-jit. and him, quality. natus

Cannit'sbaek-opening f. an invation

Oflir-jetbig: equivalent, indifferent:

Punhig painful

Afjan. & stretch. extend

Gawmahan to augment

Nöysig . moderate. temperate

Fox-fistloffing f. relaxation

Gawonlaysan to ovarium cause, induce

Hawfolham to keep back, to be, to behave

Gebukar to conduct, accompany. Liken to guide lead

Zrouffring . control. survey

Dujaga. Act. vt. & pos. especially

Hermuttahn to muddle, to interfere

Findmark. the misprisin

Onjoufing. accumulation

Ukamayzog exceeding, excessive

Ojurnost. formlessness, seven

Sopfittaming(f) an union

Gammada f. trooper, spy

Dofominoj f. sparing indulgence forbearing  
Distingffen to sleep & ride

## Dr Irwita Bowlapunoj

Lups f. a magnifying glass

& youn f. along lace cord

Hukkelut und. map. roll swathe (a kid)

Bowfistroy, cautiously.

Lansorfan to keep preserve

Perforwan to convey to treat proceed manay

Tikkiba f. desk, pane of glass, honey comb she.

Flesky, spotted

Qymeban to be suspended, to wave

Moyan to bend fracture blow

Pjollernontiw gelatinous

Buzufiagubu f. addition

Perxwogyan to com

Syngukt. view, consideration respect

Nakaytuyan to sleep over, curnout

Downbeaten to persecute to offend

Zemisbork. biscuit

Leagpon plant, flexible

Perforwmoj n. treatment proceeding

Zamlaogn black species

Dustrofai density

Omflofumoj diminution

Difflugia <sup>hen</sup> tshubas. to conclude. such temper  
zilk f. oval, cover  
Difflugia a - I was. as if  
Dofan t stick, cleave  
Doyaban t rhaar t, happen, to name  
Dzymy f. st. station, perform  
Dzidengmyo. condition. (not t end)  
Dzankhamuski to dream  
Dzyangan t burst open. t blow up, sprout  
Dzibanthuf. eventual. not.  
Dzolyaszu to execute, perform.  
Dzakjouyt generally, in general  
Dzamdzifuz (adj) to be found.  
Dzafjoff. n. creation  
Dzury sorting naming. in - as for the rest  
Dzuyan to incline.  
Dzaban before tributary  
Dzöfwan t endure last, Morfan to keep from  
Dzleganthuf. see anomaly  
Dzinzio. diminutive petly. small  
Dzefallen Dfall of rain  
Dzappstüngan tharlen. to understand  
Dzunawking - the influence  
Dzabatku to set down, deposit  
Dzawfutan (R) the behavior conduct (b) keeps back

- Rifnsisaw to exhibit. produce  
Abznyg. m. the deduction  
Zerkefjurnaw to bring in  
Ritfa. f. rod. wand  
Leffstamoyen to hasten accelerate  
Kanzögen to stand.  
Gidmash periodically  
Festallan to appoint, fit  
Oaföry due proper.  
Dwalt (n) worm, thread  
Abzysfaw apart from. fm Abzys. block away <sup>to absent</sup>  
Unsunoy. unseemly. absurd  
Runefmen to accept receive, assume upper  
Ausflusizaw to sweat  
Ukawfjuz. overplus excess  
Thonbf. verbally. literally  
Lekwolkramoy population  
Jöfa. tough tenacious  
Oppflast (n) st. genus rare family  
Lufölliog accidental, casual.  
Oyan f. trace, track footprint  
Junefmen. trinean  
Drumskusorfer. spring rivulet  
Fukusymaw be cape.  
Hargawn brace  
Anshafius attracton

Lokaw. love.

Keroffung f. the performance doing  
Tikam t middle to drop

Jarrow. cliff numb. ~~VILATE VONISING~~

Ezangus f. product.

Mudau. m. barter exchange

Rampowan supply provide

Ogopaty. contrast opposition

Djarmakund fluctuating uncertain

Oelten t pair fr. be worth t cost prevail

Bilawm <sup>in</sup> t to reverse angles

Cafatz. m. compensation, ex

Omundatz formable axiom maxim

Ἐποχής θαυμάζει τὴν σοφίαν καὶ νοέον  
οἱ Πολῖται θαυμάζουσι τὴν νεότην σοφίαν  
δὲ Σκύθης θαυμάζει τὴν ὀρεστρὸν φύλαν  
οἱ Σκύθαι θαυμάζουσι τὴν Εἰρηνιδὸν φύλαν  
δὲ Λαθῆς αράξιορον θαυμάζει. Τας δὲ φύσεις  
διημεύται τῶν σοφιστῶν ~~Εὐριπίδης~~<sup>οὐαν</sup>  
δὲ Ευριπίδης τὴν σοφίστων φύσην τὴν  
οἰκείαν τὴν τοργυλον φύσην τὴν  
οἱ φύσηται τῶν σοφιστῶν τὴν Εὐριπίδον σοφίαν  
οἱ φύσηται προταγορον οἰκείας τὴν ταν

